

# ABSTRACT OF THE DISCLOSURE

5 An optical image scanner uses one or more reflecting surfaces to provide a  
light path through a lens array, where the optical path through the lens array is non-  
perpendicular to the surface of the image being scanned. As a result, the distance,  
from the surface where an image is being scanned, to the opposite outer surface of  
the scanner, is relatively short compared to scanners in which lens arrays are  
perpendicular to the image being scanned. An illumination source may be provided  
as part of an assembly that includes the lens array. Alternatively, the assembly may  
be integrated with a video display, or placed adjacent to a video display, and the  
video display may be used as the illumination source. The assembly may optionally  
10 monitor the intensity and color of the illumination source during scanning. The  
assembly may also optionally image the display.